| •   | Index of Claims |            |           |              |             |          |           |          |          |              |            |              |          | A                    | Application/Control No. |          |          |              |           |        |         |     |                 |            | Applicant(s)/Patent under Reexamination |         |         |              |          |              |           |          |   |  |
|-----|-----------------|------------|-----------|--------------|-------------|----------|-----------|----------|----------|--------------|------------|--------------|----------|----------------------|-------------------------|----------|----------|--------------|-----------|--------|---------|-----|-----------------|------------|---|---------|---------|--------------|----------|--------------|-----------|----------|---|--|
|     |                 |            |           |              |             |          |           |          |          |              |            |              |          | 09/991,737           |                         |          |          |              |           |        |         |     |                 |            | KISHIGAMI, KEIJU                        |         |         |              |          |              |           |          |   |  |
|     |                 |            |           |              |             |          |           |          |          |              |            |              |          |                      | Examiner                |          |          |              |           |        |         |     |                 |            | Art Unit                                |         |         |              |          |              | <u>50</u> |          | _ |  |
|     |                 |            |           |              |             |          |           |          |          |              |            |              |          |                      | Brian Goddard           |          |          |              |           |        |         |     | 2161            |            |   |         |         |              |          |              |           |          |   |  |
|     |                 |            |           |              |             |          |           |          |          |              |            | Thro         | uah i    | $\overline{}$        | ſ                       |          |          |              |           |        | Ì       | П   | <u> </u>        |            |   | 7       |         |              |          |              |           |          |   |  |
|     | √ Rejected      |            |           |              |             |          |           |          |          | Ē            |            | Cancelled    |          |                      |                         | _        |          |              |           | Non-E  |         |     | tea             |            | A                                       | Appeal  |         |              | -        |              |           |          |   |  |
|     | = Allowed       |            |           |              |             |          | d         |          |          | Ŀ            | Restricted |              |          | d<br>                | ·                       |          |          | <u>'</u>     | int       | erfe   | rer     | nce |                 | 0          |   | Obj     | ect     | ed           |          |              |           |          |   |  |
| [   | Claim Date      |            |           |              |             |          | ate       | _        |          |              |            | Claim        |          |                      | _                       | Da       |          |              | 8         |        |         | ]   | CI              | aim        |   | -       | Date    |              |          |              |           |          |   |  |
|     | <del>-</del>    | leu        | S         |              |             |          |           |          |          |              |            | =            | 夏        |                      |                         |          |          |              |           |        | Ī       |     | #               | 屋          |   |         |         |              |          |              |           |          |   |  |
|     | Final           | Original   | 50/2/01   |              |             |          |           |          |          |              |            | Finat        | Original |                      |                         |          |          |              |           |        |         |     | Finat           | Original   |   | 1       |         |              |          |              |           |          |   |  |
|     |                 | 71)        | V         |              |             | ╛        |           |          |          |              |            |              | 51       | 匚                    |                         |          | ⇉        | $\dashv$     | #         | $\pm$  | 上       |     |                 | 101        |   | 丰       | 土       | İ            | 上        | $^{\dagger}$ | t         | $\Box$   |   |  |
| •   |                 | 4          | V         | $\dashv$     | $\dashv$    | $\dashv$ | -         | _        | _        | ┝            | Н          | _            | 52<br>53 | H                    | Н                       | $\dashv$ | -        | +            | +         | +      | +       |     |                 | 102<br>103 | Н                                       | +       | ╀       | ╀            | ╄        | ╀            | ╀         | -        |   |  |
|     |                 | 4          | 7         |              | $\exists$   | ╛        |           |          |          |              |            |              | 54       |                      |                         |          |          | 1            | $\exists$ | 士      | 1       |     |                 | 104        |   | 士       | $\pm$   | t            | t        | t            |           |          |   |  |
| ĺ   |                 | 5          | 4         | Ц            | 4           | 4        | 4         |          |          | $oxed{\Box}$ |            |              | 55       | Ш                    |                         |          | $\dashv$ | 4            | 4         | $\bot$ | 1       |     |                 | 105        |   | 4       | $\perp$ | $\downarrow$ | F        | F            | L         |          |   |  |
| }   |                 | 6          | Υ.        | $\dashv$     | ┪           | ┥        | ┥         | H        |          | ┝            | Н          | -            | 56<br>57 | Н                    | Н                       | $\dashv$ | $\dashv$ | ┥            | ╅         | ╫      | ╁╌      | ┨   | -               | 106<br>107 | Н                                       | +       | ╫       | ╁            | ╁╌       | ╀            | ┿         | ┝        |   |  |
|     |                 | <b>(B)</b> | Z         |              | $\Box$      | コ        | $\Box$    |          |          |              |            |              | 58       |                      |                         |          |          |              | ╛         | 土      | 工       |     |                 | 108        | □                                       |         |         | İ            | Ė        | İ            |           |          |   |  |
| }   |                 | 10         | Н         | Н            | $\dashv$    | 4        | -         | 4        | _        | <u> </u>     | $\vdash$   | <u> </u>     | 59<br>60 | ╀┤                   | Н                       |          | $\dashv$ | 4            | 4         | +      | +       | ł   | $\vdash$        | 109<br>110 | Н                                       | 4       | +       | ╀            | L        | -            | +         | <u> </u> |   |  |
| •   |                 | 11         | Н         | $\forall$    | $\dashv$    | +        | ┪         |          |          |              | H          | $\vdash$     | 61       | Н                    | Н                       | $\dashv$ | $\dashv$ | $\dagger$    | +         | ╁      | ╁       | 1   | $\vdash$        | 111        | $\dashv$                                | +       | +       | t            | ╁        | ╁            | ╁╌        | H        |   |  |
|     |                 | 12         |           |              | $\sqsupset$ |          |           |          |          |              |            |              | 62       |                      |                         | $\Box$   | $\Box$   | コ            |           | 工      |         | ]   |                 | 112        |   |         | 工       | I            | İ        | I            |           |          |   |  |
| -   | _               | (13)<br>14 | Z         |              | $\dashv$    | 4        | 4         | _        | _        |              |            | <b>├</b>     | 63<br>64 | Н                    | Н                       | 4        | -        | 4            | 4         | 4-     | ╀       | -   | <b> </b>        | 113        | $\dashv$                                | +       | +       | ╀            | ╀        | ╀-           | 4-        | ┞        |   |  |
| ł   | -               | 15         | Н         | $\dashv$     | $\dashv$    | ┪        | ┪         | $\dashv$ |          |              | Н          | $\vdash$     | 65       | H                    | H                       | ᅥ        | ┪        | $\dashv$     | +         | +      | ╁       | 1   | -               | 114<br>115 | $\dashv$                                | +       | +       | ╫            | t        | H            | ╁╌        | ╀        |   |  |
|     |                 | 16         |           | $\Box$       | $\sqsupset$ | $\Box$   |           |          |          |              |            |              | 66       |                      |                         |          |          | コ            | ユ         |        | 1       | 1   |                 | 116        |   | 士       | 土       |              | L        | L            | 上         |          |   |  |
| }   |                 | 17<br>18   | Н         | $\dashv$     | $\dashv$    | 4        | 4         | _        |          | _            | $\dashv$   | <u> </u>     | 67<br>68 | Н                    | $\dashv$                | 4        | 4        | 4            | 4         | +      | ╀       | l   | <b> </b>        | 117<br>118 |   | +       | +       | +            | ╄-       | ╀            | ╀         | ⊢        |   |  |
| ŀ   |                 | 19         | Н         | $\dashv$     | $\dashv$    | ┪        | ┪         |          | -        |              | Н          | $\vdash$     | 69       | H                    |                         | $\dashv$ | ┪        | +            | +         | +      | ╁       | 1   | $\vdash$        | 119        | $\dashv$                                | +       | ┿       | ╁            | ╁        | ╁            | ╁╴        | ╁╴       |   |  |
|     |                 | 20         |           | $\Box$       | コ           |          |           |          |          |              |            |              | 70       |                      |                         | $\Box$   | コ        | 1            | コ         | 工      |         | 1   |                 | 120        |   | 士       | 土       | 士            |          |              |           |          |   |  |
| ŀ   | _               | 21         | Н         | -            | $\dashv$    | 4        | +         | $\dashv$ | _        |              | $\dashv$   | <b> </b>     | 71       |                      | _                       |          | ┥        | 4            | 4         | +      | ╀       |     | <u> </u>        | 121        | $\dashv$                                | +       | +       | ╀            | ╀        | ╄            | ╄         | H        |   |  |
| ŀ   |                 | 23         | Н         | ┪            | -+          | ┪        | ┪         | ┥        | -        | _            | $\dashv$   | $\vdash$     | 72<br>73 | Н                    | $\dashv$                | +        | ┪        | +            | ╅         | ╁      | +       |     | H               | 122<br>123 | $\forall$                               | +       | ╅       | ╁            | ╁        | ╁            | ╁         | $\vdash$ |   |  |
| . [ |                 | 24         |           |              |             |          |           |          |          |              |            |              | 74       |                      |                         |          |          | 士            | I         | 1      |         | 1   |                 | 124        |   | 土       | 士       | 土            | İ        | L            | 上         |          |   |  |
|     |                 | 25<br>26   |           | -            | -           | 4        | -         | 4        | _        |              | 4          | <u> </u>     | 75       | Ш                    | $\Box$                  | _        | 4        | 4            | 4         | 4      | ╀-      | }   |                 | 125        |   | $\perp$ | $\bot$  | $\bot$       |          |              | 1         | $\vdash$ |   |  |
| ł   |                 | 27         | -         | 7            | $\dashv$    | 1        | $\dashv$  | ┪        | -        | _            | $\dashv$   | $\vdash$     | 76<br>77 | Н                    |                         | ᅥ        | ┪        | $\dashv$     | ╁         | ╁      | ╁       |     | Н               | 126<br>127 | $\dashv$                                | +       | +       | ╁            | 十        | H            | ╁         | H        |   |  |
| Ī   |                 | 28         |           |              | 口           |          |           |          |          |              |            |              | 78       |                      |                         |          |          | 1            | 士         | 工      | 工       | 1   |                 | 128        |   | 土       | 土       | 上            | L        | 上            | 工         |          |   |  |
| }   |                 | 29<br>30   | Н         | $\dashv$     | ┥           | $\dashv$ | $\dashv$  | 4        | _        |              | $\dashv$   |              | 79<br>80 | Н                    | $\dashv$                | $\dashv$ | 4        | 4            | +         | +      | ╀       |     | $\vdash \vdash$ | 129<br>130 | $\dashv$                                | +       | +       | ╀            | ╀        | ╀            | ╄         | Н        |   |  |
| ŀ   |                 | 31         | $\dashv$  | ┪            | +           | $\dashv$ | $\dashv$  | ┪        | _        | _            | $\dashv$   | $\vdash$     | 81       | H                    | $\dashv$                | ┪        | $\dashv$ | +            | +         | ╅      | ╁       |     |                 | 131        | -                                       | +       | +       | ╁            | ╁        | ╁╌           | ╁╴        | Н        | , |  |
| [   |                 | 32         |           | $\Box$       | コ           | コ        | $\Box$    | $\Box$   |          |              |            |              | 82       |                      |                         | $\Box$   | コ        | ゴ            | 1         |        |         |     |                 | 132        |   |         |         | I            |          | L            |           |          |   |  |
| }   | $\dashv$        | 33<br>34   | -         | 4            | +           | -        | 4         | -        | -        |              | 4          | <u> </u>     | 83       | Н                    | $\dashv$                | 4        | 4        | 4            | 4         | +      | ╄       |     | $\sqcup$        | 133<br>134 | _                                       | +       | +       | ╁            | ┡        | ╀            | ╄         | Щ        |   |  |
| . } | $\dashv$        | 35         | $\dashv$  | ┪            | ╅           | ┪        | $\dashv$  | ┪        | _        |              |            | _            | 85       | Н                    | $\dashv$                | ┪        | $\dashv$ | ╅            | ╅         | 十      | ╁╌      | 1   | Н               | 135        | +                                       | ╅       | ╁       | ╁            | ╁        | ╁            | ╁         | Н        |   |  |
| ]   |                 | 36         |           | コ            | コ           | コ        | コ         | コ        |          |              | コ          |              | 88       |                      |                         |          | コ        | 丁            | 1         | 1      |         |     |                 | 136        |   | 士       | 工       | L            | L        |              |           |          |   |  |
| }   |                 | 37<br>38   |           | 4            | +           | 4        | +         |          |          |              | 4          |              | 87<br>88 | Н                    | 4                       | -        |          | +            | +         | ┿      | ╀       | l   | $\vdash \vdash$ | 137<br>138 | $\dashv$                                | +       | +       | ╄            | ╀        | ┡            | ╁.        | Н        |   |  |
| ŀ   |                 | 39         |           | 7            | ┪           | +        | +         | ᅥ        |          |              | $\dashv$   | <b> </b>     | 89       | Н                    | $\dashv$                | ┪        | ᅥ        | +            | +         | +      | ╁       | 1   | $\vdash$        | 139        | +                                       | 十       | ┰       | ╁            | ┢        | ╁╌           | +-        |          |   |  |
| [   |                 | 40         |           | $\Box$       | $\Box$      | $\Box$   | $\exists$ |          |          |              |            |              | 90       |                      | $\Box$                  | $\Box$   | $\Box$   | #            | 1         | T      | I       |     |                 | 140        | $\Box$                                  | 工       | 工       | I            |          |              |           |          |   |  |
| }   | $\dashv$        | 41<br>42   | 4         | $\dashv$     | +           | 4        | +         | 4        | _        | $\dashv$     | $\dashv$   | $\vdash$     | 91<br>92 | H                    |                         | -+       | 4        | +            | +         | +      | ╀       |     |                 | 141<br>142 | -                                       | +       | +       | ╀            | $\vdash$ | H            | +         | H        |   |  |
| ľ   |                 | 43         | $\exists$ | _            | _           | _        | _         | 寸        | -        | $\vdash$     | $\dashv$   | <u> </u>     | 93       | H                    | ┪                       | $\dashv$ | +        | $\dashv$     | +         | +      | +-      |     | $\vdash \dashv$ | 143        | $\dashv$                                | +       | ┿       | ╁╴           | ┢        | 十            | t         | Н        |   |  |
|     |                 | 44         | $\Box$    | $\exists$    | $\exists$   | $\Box$   | $\Box$    | コ        |          |              |            |              | 94       | 口                    | コ                       | 二        | コ        | ightharpoons | #         | 丰      | $\perp$ |     |                 | 144        | ゴ                                       | 工       | $\bot$  |              | L        | L            | Г         |          |   |  |
| -   |                 | 45<br>46   | $\dashv$  | +            | +           | +        | $\dashv$  | -        | $\dashv$ | $\dashv$     | $\dashv$   | <del> </del> | 95<br>96 | ${oldsymbol{arphi}}$ | +                       | +        | +        | +            | +         | +      | ┾       |     | $\vdash\vdash$  | 145<br>146 | +                                       | +       | +       | +            | ╀        | +            | +         | Н        |   |  |
| -   |                 | 47         |           | <del>」</del> | 寸           | 士        | 士         | ╛        | ╛        |              | $\exists$  |              | 97       | H                    | _                       | 7        | _        | _            | $\pm$     | 士      | İ       | 1   |                 | 147        | 士                                       | 士       | 士       | 1            | $\perp$  | T            |           |          |   |  |
|     | $\Box$          | 48         | 耳         | $\Box$       | 4           | 7        | 7         | コ        | $\Box$   | $\Box$       | _          |              | 98       | П                    | $\Box$                  | $\Box$   | 7        | 1            | 7         | $\bot$ | F       |     |                 | 148        | $\Box$                                  | T       | T       | F            | F        | Г            | L         | П        |   |  |
| -   | -               | 49<br>50   | $\dashv$  | $\dashv$     | +           | ┥        | ┽         | ┥        | ᅱ        | $\dashv$     | $\dashv$   | $\vdash$     | 99       | ⊢┤                   |                         | -        | $\dashv$ | +            | +         | +      | +       |     |                 | 149        | +                                       | +       | +-      | ╁            | $\vdash$ | ⊢            | ╁         | Н        |   |  |